DEPARTMENT OF TRANSPORTATION
ESC/OE
1727 30TH STREET, 2ND FLOOR
SACRAMENTO, CA 95816

TDD (916) 654-4014

Errata #1

TO: All holders of the July 1992 edition of the Standard Plans Book

FROM: Engineering Service Center-Office of Office Engineer

SUBJECT: Errata

DATE: July 19, 1994

The attached Revised Standard Plans (RSPs) and New Standard Plans (NSPs) dated June 13, 1994, November 5, 1992 and July 1, 1992 contain revisions and additions to the July 1992 edition of the Standard Plans Book.

Revised Standard Plans (RSPs) are to replace the comparable sheets in the July 1992 edition of the book. New Standard Plans (NSPs) are to supplement the July 1992 edition of the book.

The revisions or additions to the attached Revised Standard Plans (RSPs) and New Standard Plans (NSPs) are:

RSP A20D, " Pavement Markers and Traffic Lines-Typical Details", revises the 96-foot dimension to 200 feet for the 4-foot long, 6-inch wide broken traffic stripe shown in Detail 39A of this plan.

NSP A40, "Rumble Strip Details", provides for the construction of rumble strips on newly paved asphalt concrete shoulders. The rumble strip will provide a warning to sleepy or inattentive motorist that their vehicle is drifting off the highway.

NSP A75D, "Concrete Headlight Glare Screen", provides for the construction of concrete headlight glare screen on Type 50 series concrete barriers. Concrete headlight glare screen is now the standard for permanent headlight glare screen installations on Type 50 series concrete median barriers.

RSP A87, " Curbs, Dikes and Driveways", revises the driveway details to comply with access requirements as provided in state and federal accessibility regulations. The revisions also provide for widening, or flaring, of the driveway at the curb face to facilitate higher speed entry and exit.

RSP H8, " Planting and Irrigation Details", revises the 75-foot dimension to 85 feet for the length of the maintenance vehicle pullout.

NSP T7, " Construction Project Funding Identification Signs", replaces NSP FS-1 and NSP FS-2 which were issued on June 20, 1990 as supplements to the previous edition of the Standard Plans book.

NSP T15, "Traffic Control System for Moving Lane Closure on Multilane Highways", provides for vehicular moving lane closures on the median or outside lane of multilane highways. (See Note "A" below).

NSP T16, "Traffic Control System for Moving Lane Closure on Multilane Highways", provides for vehicular moving lane closures on the interior lanes of multilane highways. (See Note "A" below).

NSP T17, "Traffic Control System for Moving Lane Closure on Two Lane Highways", provides for vehicular moving lane closures on two lane highways. (See Note "A" below).

Note "A": NSP T15, NSP T16 and NSP T17 will typically be used for traffic striping operations or pavement marker replacement operations using bituminous adhesive. NSP T15, NSP T16 and NSP T17 are not to be used where workers would be on foot in the work area.

RSP B3-9, " Retaining Wall Details No. 2", revises the bar reinforcing steel configuration and dimensions for the reinforcement around the opening in the retaining wall utility opening detail shown on this plan.

In addition to the attached 8-1/2" x 11" copies of the above listed Revised Standard Plans (RSPs) and New Standard Plan (NSPs), also attached is a current list of new and revised standard plans issued subsequent to the publication of the July 1992 Standard Plans Book and the current revised Standard Plans List for use with the July 1992 edition of the Standard Plans Book.

Details from many of the plans of the July 1992 Standard Plans Book and details from Revised Standard Plans and New Standard Plans issued subsequent to the publication of the July 1992 edition of the Standard Plans Book are available for access by Caltrans personnel from the following location:
/net/trws004/drv4/stdplans/imperial/details/.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

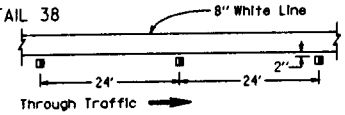
REGISTERED CIVIL ENGINEER

November 5, 1992
PLANS APPROVAL DATE

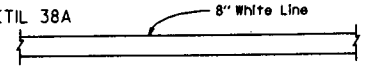
P. Lowden Jr. No. 12284 Exp. 3-31-93 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

CHANNELIZING LINE

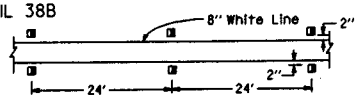
DETAIL 38



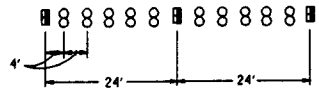
DETIL 38A



DETAIL 38B

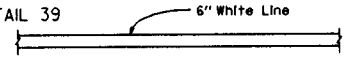


DETAIL 38C



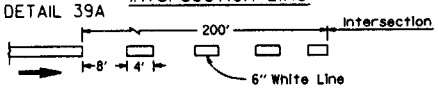
BIKE LANE LINE

DETAIL 39



BIKE LANE
Intersection Line

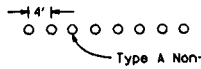
DETAIL 39A



LANE LINE EXTENSIONS THROUGH INTERSECTIONS

DETAIL 40

DETAIL 40A

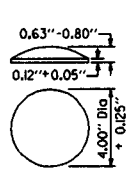


LEGEND

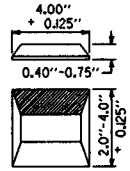
MARKERS

- ○ TYPE A White Non-reflective
- ◨ TYPE G One-way Clear Reflective
- ← Direction of Travel

MARKER DETAILS



TYPE A

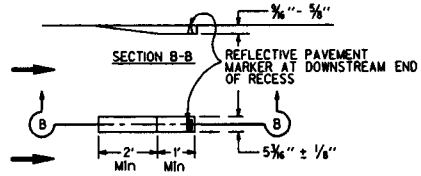


TYPE G

NOTES

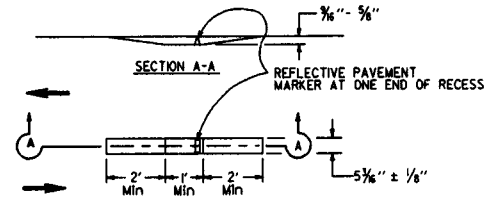
1. Minimum projected area of reflective face = 1.00 square inch
2. Reflective markers need not be rectangular
3. See typical traffic line details for marker patterns to be used with recessed pavement markers. Detail 14 requires a Type 2 recess.

RECESS DETAIL FOR REFLECTIVE PAVEMENT MARKER



PLAN

ONE-WAY TRAFFIC
(TYPE 1)



PLAN

TWO-WAY TRAFFIC
(TYPE 2)

REFLECTIVE PAVEMENT MARKER FOR RECESSED INSTALLATION

TYPE C & TYPE D TYPE G & TYPE H

See Note 3

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS

NO SCALE

RSP A20D DATED NOVEMBER 5, 1992 SUPERSEDES STANDARD PLAN A20D DATED JULY 1, 1992, PAGE 6 OF THE STANDARD PLANS BOOK DATED JULY 1992.

REVISED STANDARD PLAN RSP A20D

STD. PLAN RSP A20D

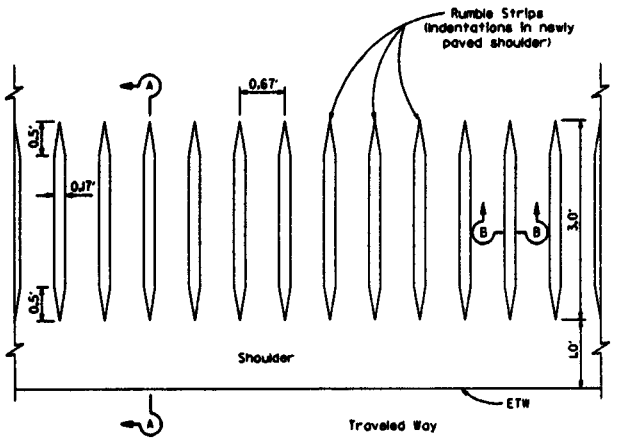
To accompany plans dated _____

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

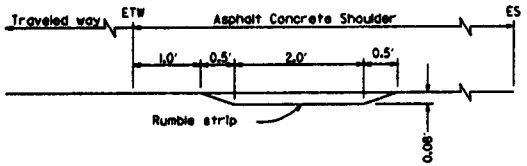
REGISTERED CIVIL ENGINEER

June 13, 1994
PLANS APPROVAL DATE

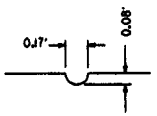
P. London Jr.
No. 12284
Exp. 3-31-97
CIVIL
STATE OF CALIFORNIA



PLAN



SECTION A-A



SECTION B-B

NOTE

Where bicycles are permitted, shoulder rumble strips should not be used unless approximatey 5 feet of clear shoulder width for bicycle use is available between the rumble strips and the outer edge of the shoulder.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

RUMBLE STRIP DETAILS

NO SCALE

NEW STANDARD PLAN NSP A40

STD. PLAN NSP A40

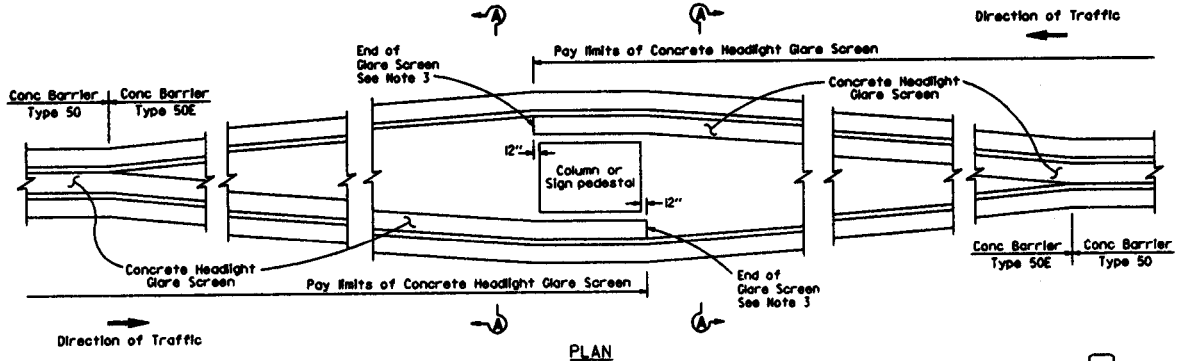
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

To accompany plans dated _____

REGISTERED CIVIL ENGINEER

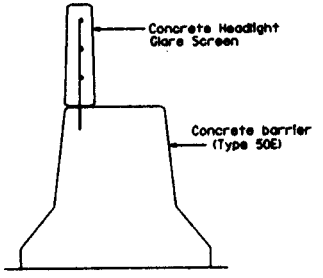
June 13, 1994
PLANS APPROVAL DATE

A.L. Summers
No. 29741
Exp. 3-31-95
CIVIL
STATE OF CALIFORNIA

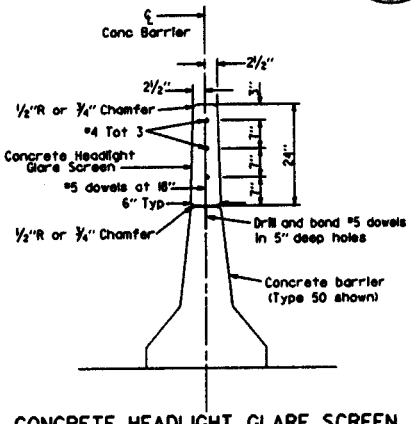


PLAN

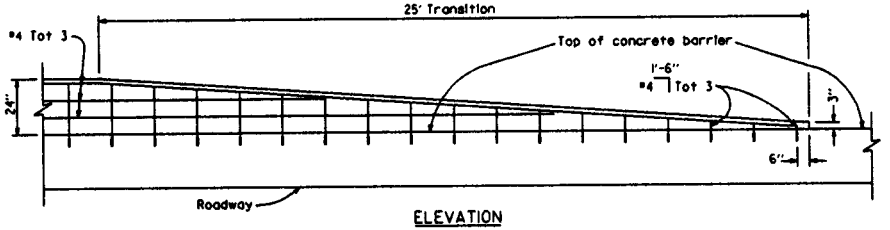
CONCRETE HEADLIGHT GLARE SCREEN AT CONCRETE BARRIER TYPE 50E



SECTION A-A

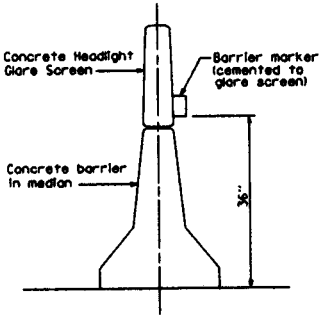


CONCRETE HEADLIGHT GLARE SCREEN ON CONCRETE BARRIER



ELEVATION

CONCRETE HEADLIGHT GLARE SCREEN END TRANSITION



BARRIER DELINEATION
See Notes 4 and 5

NOTES

1. For concrete barrier details and layouts not shown see Standard Plans A75A and A75B.
2. Expansion joints in concrete glare screen shall match expansion joints in concrete barrier.
3. Concrete headlight glare screen shall extend one foot beyond all columns or sign pedestals for each direction of travel. Sloped end transition of concrete glare screen not required where glare screen terminates on Concrete Barrier Type 50E.
4. Barrier delineation to be used when required by the special provisions.
5. Spacing of barrier markers to match spacing of raised pavement markers on the adjacent median edgeline pavement delineation.

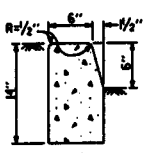
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

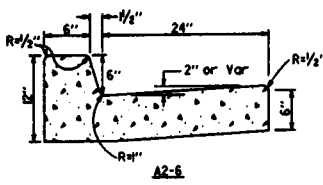
CONCRETE HEADLIGHT GLARE SCREEN

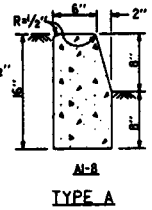
NO SCALE

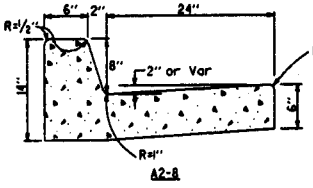
NEW STANDARD PLAN NSP A75D

STD. PLAN NSP A75D

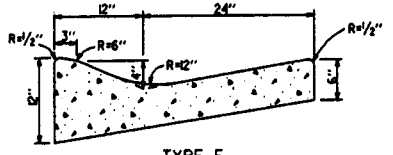




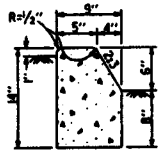


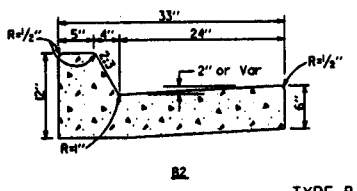


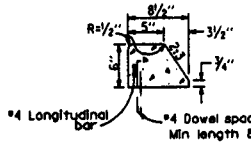
TYPE A



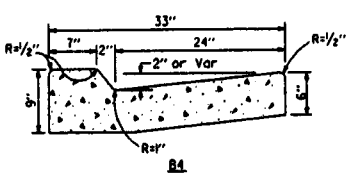
TYPE E

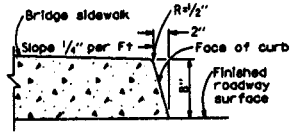






B3
Superimposed on existing pavement





TYPE H
ON BRIDGES

CURB QUANTITIES

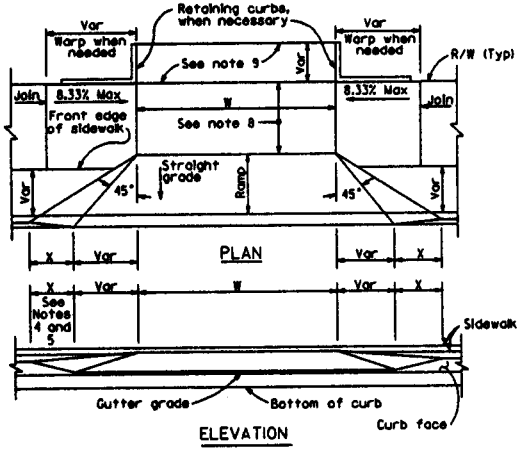
TYPE	CY PER LF
A1-6	0.02585
A2-6	0.05903
A1-8	0.03084
A2-8	0.06379
B1	0.02930
B2	0.06171
B3	0.01074
B4	0.05709
E	0.06661

AC DIKE QUANTITIES

TYPE	CY PER LF
A	0.0135
B	0.0103
C	0.0038
D	0.0293
E	0.0130

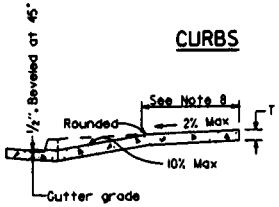
AC quantities based on 5% cross slope

TYPE B

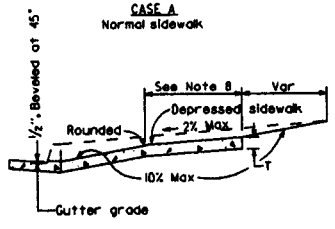


ELEVATION

CURBS



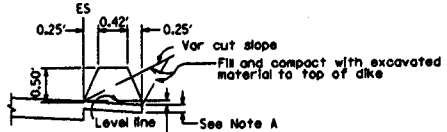
CASE A
Normal sidewalk



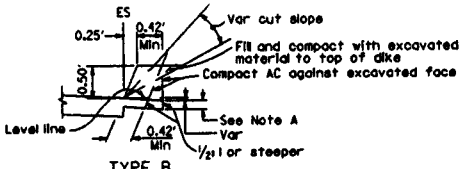
CASE B
Depress entire sidewalk

SECTIONS

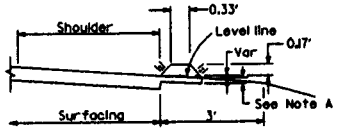
DRIVEWAYS



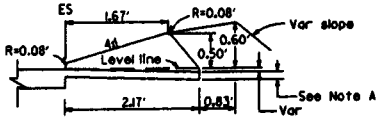
TYPE A
HIGH DIKE



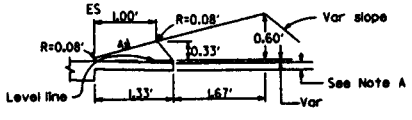
TYPE B
HIGH DIKE



TYPE C
LOW DIKE



TYPE D
MOUNTABLE DIKE



TYPE E
MOUNTABLE DIKE

NOTES

1. Case A normally applies.
2. Use Case B when ramp slopes would exceed 10% in Case A.
3. Use Case B when sidewalk cross slope would exceed 2% in Case A.
4. X=3'-0" except for curb heights over 10" where 4:1 slopes shall be used on curb slope.
5. X is variable when sidewalk is located where wheelchairs may traverse the surface. Slopes shall be 8.33% maximum.
6. Sidewalk and ramp thickness "T" at driveway shall be 4" for residential and 6" for commercial.
7. Difference in slope of the driveway ramp and the slope of a line between the gutter and a point on the roadway 5 feet from gutter line shall not exceed 15%. Reduce driveway ramp slope, not gutter slope, where required.
8. Minimum width of clear passage shall be 48". Where right of way restrictions, natural barriers or other existing conditions create an unreasonable hardship, the clear width may be reduced to 36".
9. Retaining curbs and acquisition of construction easement may be necessary for narrow sidewalks or curb heights in excess of 6".

ASPHALT CONCRETE DIKES

NOTE A - Extend top layer of AC placed on the shoulder under dike with no joint at the ES

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

To accompany plans dated _____

REGISTERED CIVIL ENGINEER

June 13, 1994
PLANS APPROVAL DATE

G. DeCou No. 34947 Exp. 6-30-96 CIVIL STATE OF CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CURBS, DIKES AND DRIVEWAYS

NO SCALE

RSP A87 DATED JUNE 13, 1994 SUPERSEDES
STANDARD PLAN A87 DATED JULY 1, 1992, PAGE 48
OF THE STANDARD PLANS BOOK DATED JULY, 1992

REVISED STANDARD PLAN RSP A87

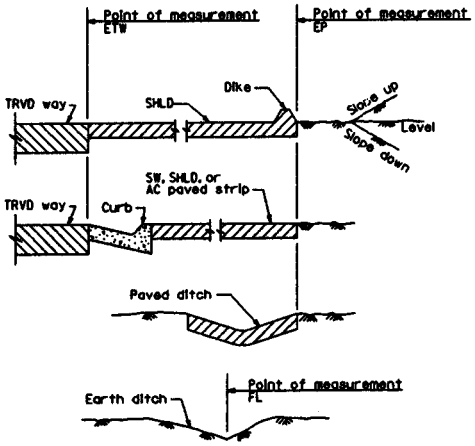
STD. PLAN RSP A87

To accompany plans dated _____

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

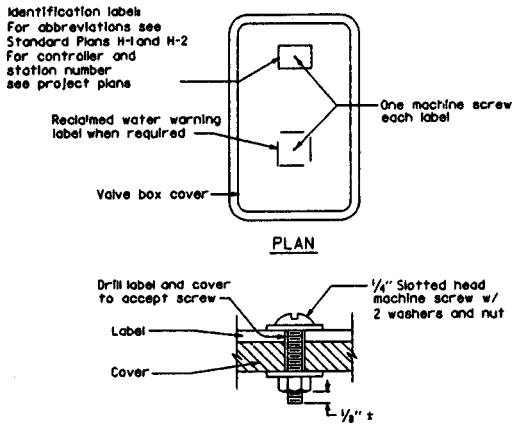
REGISTERED CIVIL ENGINEER

June 13, 1994
PLANS APPROVAL DATE

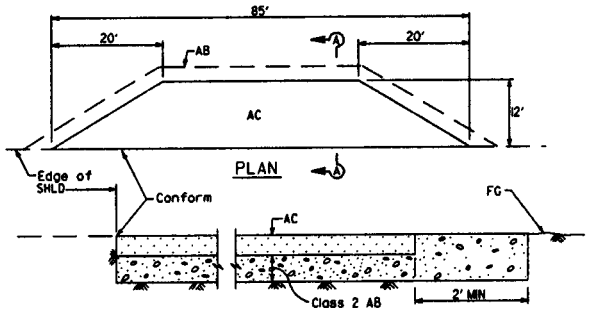


SECTION

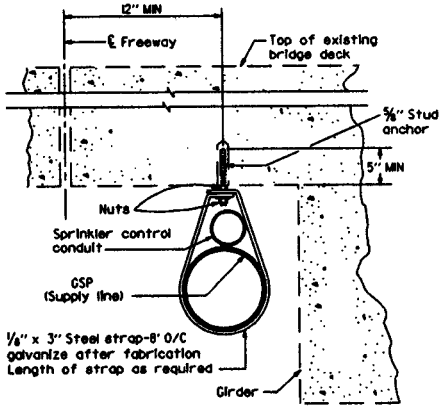
POINTS OF MEASUREMENT



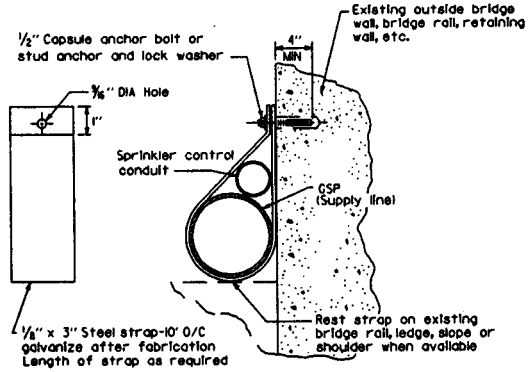
VALVE BOX IDENTIFICATION



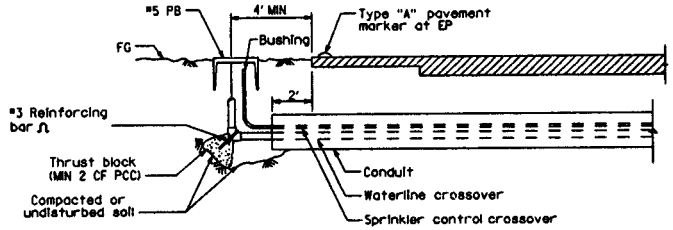
MAINTENANCE VEHICLE PULLOUT



PIPE ANCHOR TYPE II



PIPE ANCHOR TYPE I



SECTION

WELDED STEEL PIPE CONDUIT (JACKED OR DRILLED)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PLANTING AND IRRIGATION DETAILS

NO SCALE

REVISED STANDARD PLAN RSP H8

STD. PLAN RSP H8

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

To accompany plans dated _____

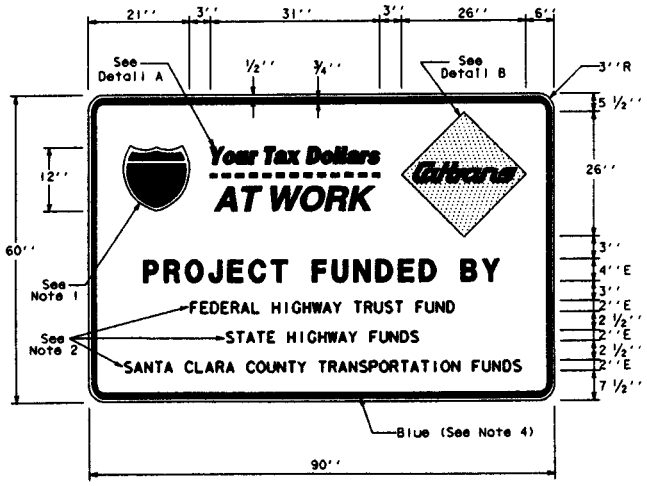
REGISTERED CIVIL ENGINEER

July 1, 1992
PLANS APPROVAL DATE

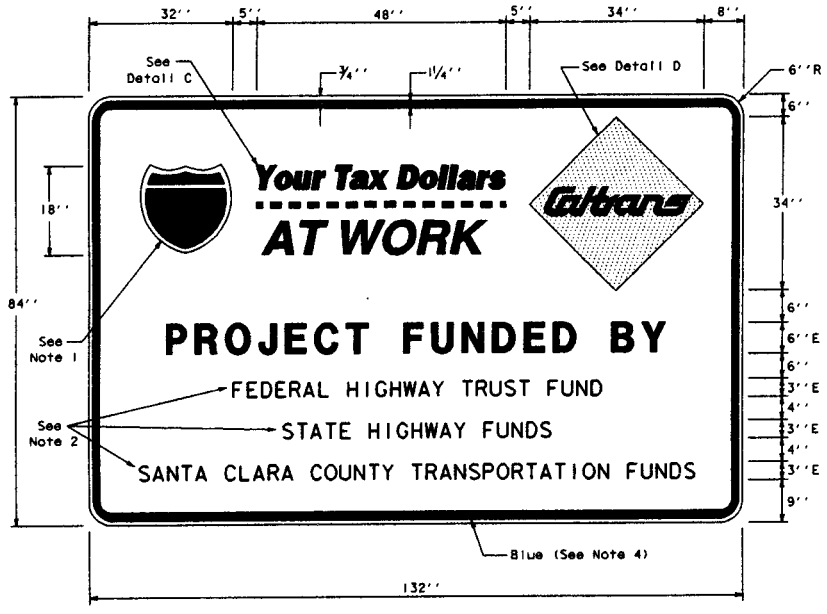
P. Lowden Jr. No. 12284 Exp. 3-31-93 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

NOTES:

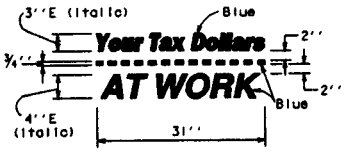
1. ROUTE SHIELD (STATE FURNISHED).
2. THE SIGN MESSAGES SHOWN FOR FUND TYPES ARE EXAMPLES ONLY. SEE THE SPECIAL PROVISIONS FOR THE APPLICABLE FUND TYPE MESSAGES TO BE USED.
3. EXCEPT AS OTHERWISE SHOWN, THE LEGEND OF THE SIGN SHALL BE BLACK ON A WHITE BACKGROUND (NON-REFLECTIVE).
4. THE BORDER OF THE SIGNS AND DETAILS 'A' AND 'C' SHALL BE BLUE (NON-REFLECTIVE).
5. THE DIAMOND IN DETAILS 'B' AND 'D' SHALL BE ORANGE (NON-REFLECTIVE).



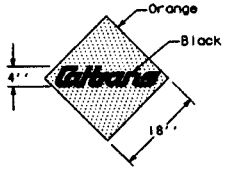
TYPE 1



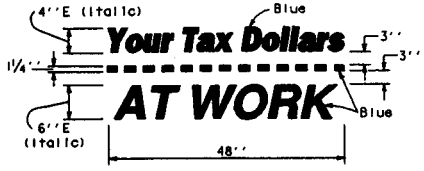
TYPE 2



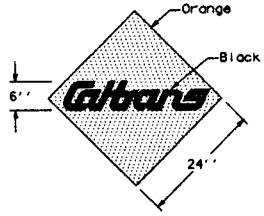
Detail A
(See Note 4)



Detail B
(See Note 5)



Detail C
(See Note 4)



Detail D
(See Note 5)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PROJECT FUNDING IDENTIFICATION SIGNS

NO SCALE

NEW STANDARD PLAN NSP T7

STD. PLAN NSP T7

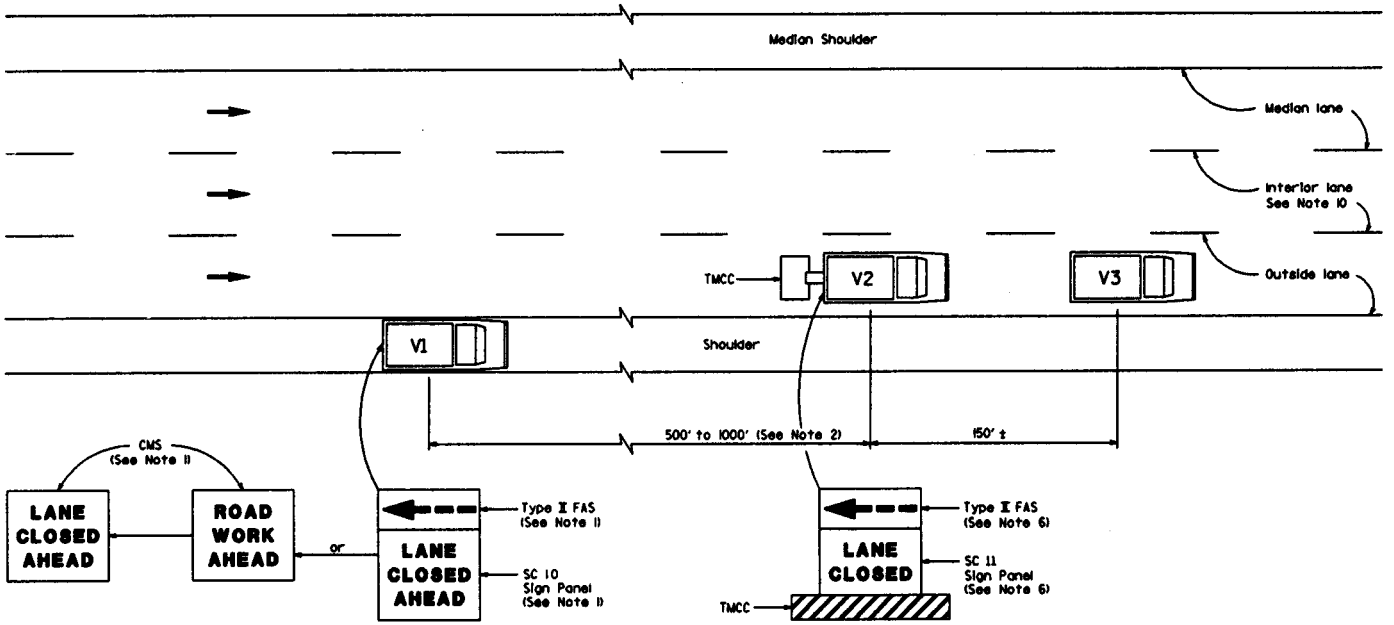
To accompany plans dated _____

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

June 13, 1994
PLANS APPROVAL DATE

P. Lowden Jr. No. 12284 Exp. 3-31-97 CIVIL STATE OF CALIFORNIA



MOVING LANE CLOSURE ON MEDIAN OR OUTSIDE LANE OF MULTILANE HIGHWAYS

NOTES

1. Either the SC 10 sign panel shown or a changeable message sign shall be mounted on the rear of sign vehicle V1. A Type X flashing arrow sign shall be mounted on the rear of sign vehicle V1 and used with the SC 10 sign panel. A Type X flashing arrow sign will not be required with the changeable message sign provided the flashing arrow sign symbol may be displayed on the changeable message sign board. The changeable message sign shall be sequenced to show the "ROAD WORK AHEAD" message first, followed by the "LANE CLOSED AHEAD" message and then the flashing arrow sign symbol. For median lane closure, the flashing arrow sign symbol shall be reversed with the arrowhead on the right.
2. If traffic queues develop, sign vehicle V1 should be positioned upstream from the end of queue.
3. A minimum sight distance of 1500 feet should be provided in advance of sign vehicle V1.
4. Sign vehicle V1 should remain at the beginning of horizontal or vertical curves until the other vehicles (V2 and V3) are far enough beyond the curve to resume the minimum sight distance of 1500 feet.
5. Vehicle-mounted sign panels shall be Type III or IX reflectorized sheeting, black on white or black on orange with 6 inch minimum series D letters per Caltrans sign specifications.
6. Shadow vehicle V2 shall weigh between 14,000 and 18,000 pounds and shall be equipped with a truck-mounted crash cushion. The sign panel shown and a Type X flashing arrow sign shall be mounted on the rear of shadow vehicle V2. For median lane closure, the flashing arrow sign symbol shall be reversed with the arrowhead on the right.
7. All vehicles used for lane closures shall be equipped with two-way radios and the vehicle operators shall maintain communication during the work or application operation.
8. All vehicles shall be equipped with flashing or rotating amber lights.
9. Where sufficient shoulder width is not available and sign vehicle V1 would encroach upon the traveled way of the adjacent traffic lane during lane closures or where workers would be on foot in the work area, a stationary type lane closure (Standard Plan T10, T11, and so on, as applicable) shall be used instead of this plan.
10. For moving lane closure on interior lane of multilane highways, see Standard Plan T16.

LEGEND

V1	Sign Vehicle
V2	Shadow Vehicle
V3	Work/Application Vehicle
FAS	Flashing Arrow Sign
CMS	Changeable Message Sign
TMCC	Truck-Mounted Crash Cushion
→	Direction of Travel

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR MOVING LANE CLOSURE ON MULTILANE HIGHWAYS

NO SCALE

NEW STANDARD PLAN NSP T15

STD. PLAN NSP T15

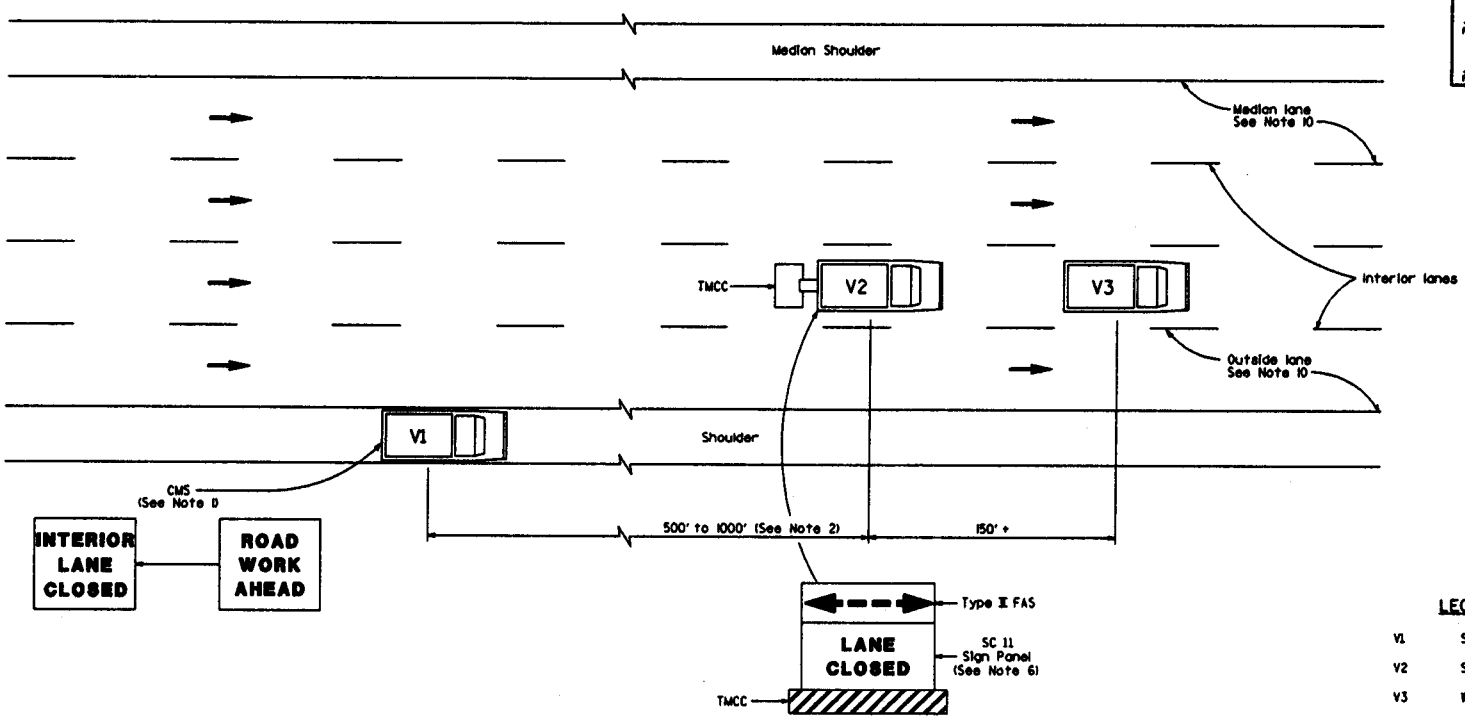
To accompany plans dated _____

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

June 13, 1994
PLANS APPROVAL DATE

P. Lawson Jr. No. 22284 Exp. 3-31-97 CIVIL STATE OF CALIFORNIA



MOVING LANE CLOSURE ON INTERIOR LANE OF MULTILANE HIGHWAYS

LEGEND

V1	Sign Vehicle
V2	Shadow Vehicle
V3	Work/Application Vehicle
FAS	Flashing Arrow Sign
CMS	Changeable Message Sign
TMCC	Truck-Mounted Crash Cushion
→	Direction of Travel

NOTES

1. A changeable message sign shall be mounted on the rear of sign vehicle V1. The changeable message sign shall be sequenced to show the "ROAD WORK AHEAD" message first, followed by the "INTERIOR LANE CLOSED" message. The message "CENTER LANE CLOSED" may be used in place of the "INTERIOR LANE CLOSED" message.
2. If traffic queues develop, sign vehicle V1 should be positioned upstream from the end of queue.
3. A minimum sight distance of 1500 feet should be provided in advance of sign vehicle V1.
4. Sign vehicle V1 should remain at the beginning of horizontal or vertical curves until the other vehicles (V2 and V3) are far enough beyond the curve to resume the minimum sight distance of 1500 feet.
5. Vehicle-mounted sign panels shall be Type III or IX reflectorized sheeting, black on white or black on orange with 6 inch minimum series D letters per Caltrans sign specifications.
6. Shadow vehicle V2 shall weigh between 11,000 and 18,000 pounds and shall be equipped with a truck-mounted crash cushion. The sign panel shown and a Type II flashing arrow sign shall be mounted on the rear of shadow vehicle V2.
7. All vehicles used for lane closures shall be equipped with two-way radios and the vehicle operators shall maintain communication during the work or application operation.
8. All vehicles shall be equipped with flashing or rotating amber lights.
9. Where sufficient shoulder width is not available and sign vehicle V1 would encroach upon the traveled way of the adjacent traffic lane during lane closures or where workers would be on foot in the work area, a stationary type lane closure (Standard Plan T10, T11, and so on, as applicable) shall be used instead of this plan.
10. For moving lane closure on median or outside lanes of multilane highways, see Standard Plan T15.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR MOVING LANE CLOSURE ON MULTILANE HIGHWAYS

NO SCALE

NEW STANDARD PLAN NSP T16

STD. PLAN NSP T16

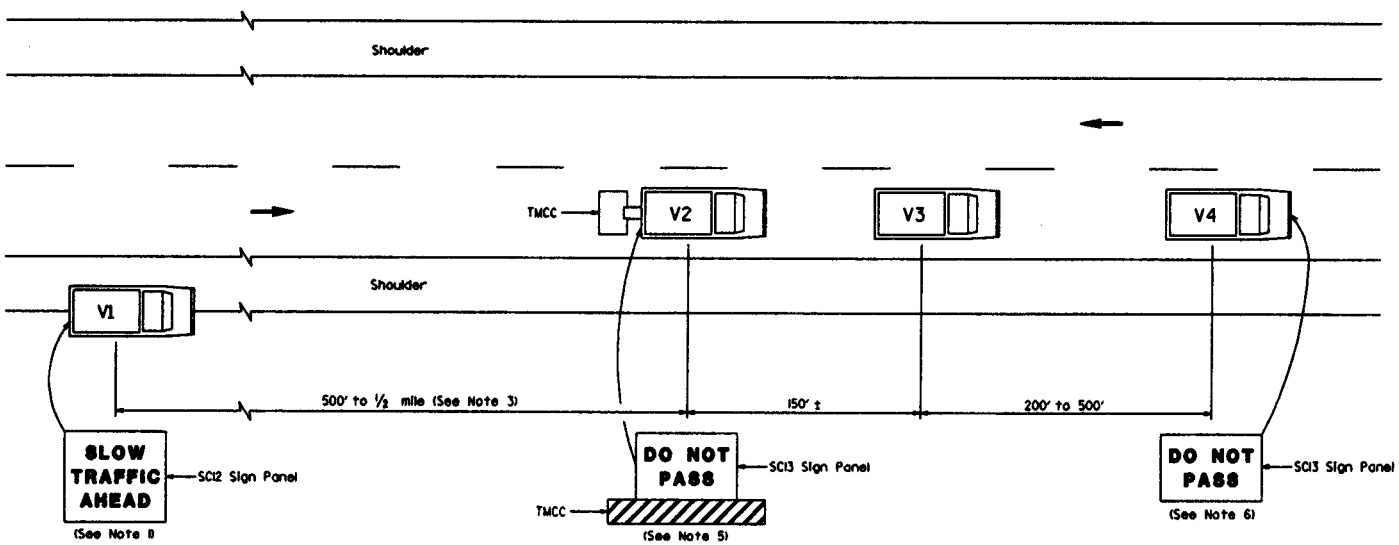
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

June 13, 1994
PLANS APPROVAL DATE

P. Landeo Jr. No. 12284 Exp. 3-31-97 CIVIL STATE OF CALIFORNIA

To accompany plans dated _____



NOTES

1. Either the sign panel shown or a changeable message sign which can display the "SLOW TRAFFIC AHEAD" message shall be mounted on the rear of sign vehicle V1.
2. Sign vehicle V1 should be positioned where highly visible when shoulders are not available.
3. If traffic queues develop, sign vehicle V1 should be positioned upstream from the end of queue.
4. Vehicle-mounted sign panels shall be Type III or IV reflectorized sheeting, black on white or black on orange with 6 inch minimum series D letters per Caltrans sign specifications.
5. Shadow vehicle V2 shall weigh between 11,000 and 18,000 pounds and shall be equipped with a truck-mounted crash cushion. The sign panel shown shall be mounted on the rear of shadow vehicle V2. The message "LANE CLOSED" may be used in place of the "DO NOT PASS" message.
6. The sign panel shown shall be mounted on the front of sign vehicle V4, facing opposing traffic. The message "CAUTION" may be used in place of the "DO NOT PASS" message.
7. All vehicles shall be equipped with flashing or rotating amber lights.
8. Sign vehicle V4 will not be required when the work and vehicles V2 and V3 are 2 feet or more from the centerline of the highway during the work or application operations.
9. All vehicles used for lane closures shall be equipped with two-way radios and the vehicle operators shall maintain communication during the work or application operation.
10. This plan shall not be used where workers would be on foot in the work area. Use a stationary type lane closure (Standard Plan T13) for this condition.

LEGEND

V1	Sign Vehicle
V2	Shadow Vehicle
V3	Work/Application Vehicle
V4	Sign Vehicle
TMCC	Truck-Mounted Crash Cushion
→	Direction of Travel

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR MOVING LANE CLOSURE ON TWO LANE HIGHWAYS

NO SCALE

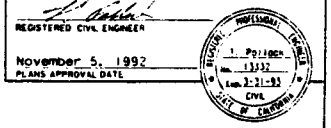
NEW STANDARD PLAN NSP T17

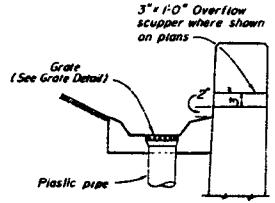
STD. PLAN NSP T17

DIST	COUNTY	ROUTE	POST MILE TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

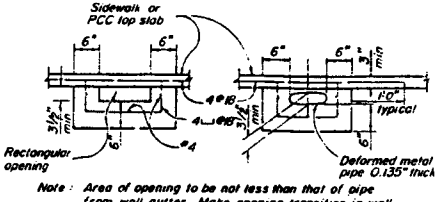
November 5, 1992
PLANS APPROVAL DATE





WALL DRAIN DETAIL

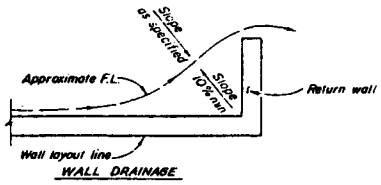
Scale : 1"= 1'-0"



Note : Area of opening to be not less than that of pipe from wall gutter. Make opening transition in wall. Edge opening in curb face to ¾" min radius.

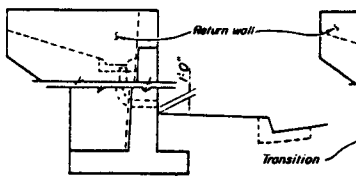
OUTLET DETAIL - SECTION B-B

Scale : 1"= 1'-0"



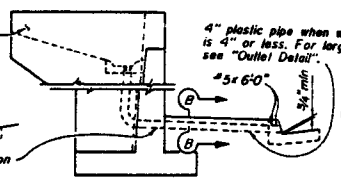
WALL DRAINAGE
WHERE GUTTER NOT REQUIRED

Scale : 3/8"= 1'-0"



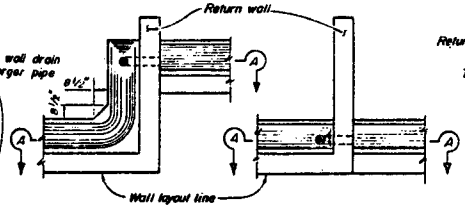
RETAINING WALL, FACE OF WALL OUTLET

Scale : 3/8"= 1'-0"



RETAINING WALL, GUTTER OUTLET

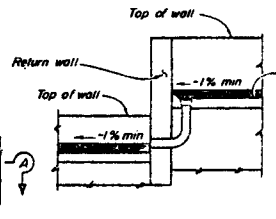
Scale : 3/8"= 1'-0"



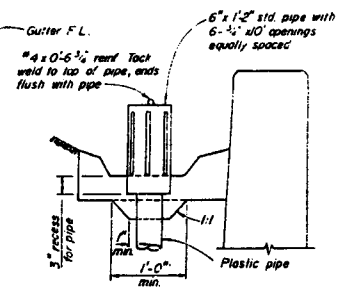
PLAN-OFFSET WALL PLAN-CONTINUOUS WALL

DRAIN THROUGH RETURN WALL

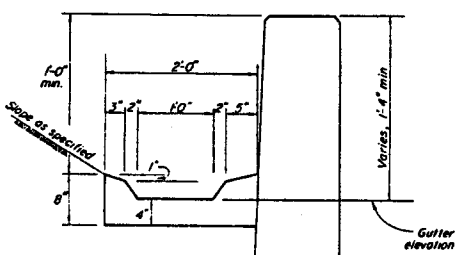
Scale : 3/8"= 1'-0"



SECTION A-A



WALL DRAIN WITH PIPE DOME

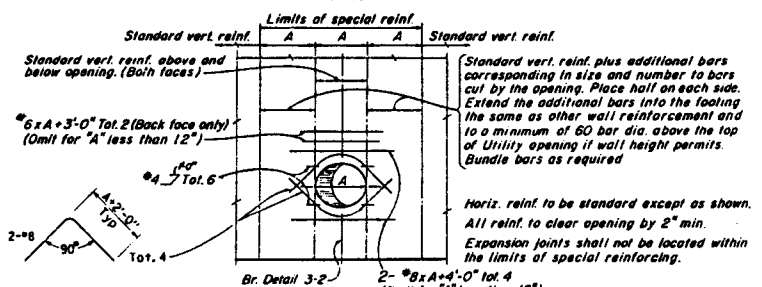


TYPICAL GUTTER DETAIL

Scale : 1½"= 1'-0"

GRATE DETAIL

Sizes to fit Standard Hubs



Standard vert. reinf. plus additional bars corresponding in size and number to bars cut by the opening. Place half on each side. Extend the additional bars into the footing the same as other wall reinforcement and to a minimum of 60 bar dia. above the top of Utility opening if wall height permits. Bundle bars as required

Horiz. reinf. to be standard except as shown.

All reinf. to clear opening by 2" min.

Expansion joints shall not be located within the limits of special reinforcing.

RETAINING WALL UTILITY OPENING

Max size of Opening (A) = 48"

To be used in conjunction with sheet B3-8

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS NO. 2

NO SCALE

RSP B3-9 DATED NOVEMBER 5, 1992 SUPERSEDES STANDARD PLAN B3-9 DATED JULY 1, 1992, PAGE 141 OF THE STANDARD PLANS BOOK DATED JULY 1992.

REVISED STANDARD PLAN RSP B3-9

STD. PLAN RSP B3-9

JULY 1992 STANDARD PLANS BOOK

NEW STANDARD PLANS (NSP) AND REVISED STANDARD PLANS (RSP) ISSUED SUBSEQUENT TO THE PUBLICATION OF THE JULY, 1992 STANDARD PLANS BOOK

PLAN NO.	PLAN TITLE	DATED
~~NSP A88~~	~~Curb Ramp Details No. 1~~ *CANCELED* (*Will be reissued at a future date*)	~~7-01-92~~
~~NSP A89~~	~~Curb Ramp Details No. 2~~ *CANCELED* (*Will be reissued at a future date*)	~~7-01-92~~
NSP T7	Construction Project Funding Identification Signs	7-01-92
---	---	---
RSP A20D	Pavement Markers and Traffic Lines Typical Details	11-05-92
RSP B3-9	Retaining Wall Details No. 2	11-05-92
---	---	---
NSP A40	Rumble Strip Details	6-13-94
NSP A75D	Concrete Headlight Glare Screen	6-13-94
RSP A87	Curbs, Dikes and Driveways	6-13-94
RSP H8	Planting and Irrigation Details	6-13-94
NSP T15	Traffic Control System for Moving Lane Closure on Multilane Highways	6-13-94
NSP T16	Traffic Control System for Moving Lane Closure on Multilane Highways	6-13-94
NSP T17	Traffic Control System for Moving Lane Closure on Two Lane Highways	6-13-94

GENERAL ROAD WORK

MISCELLANEOUS

- ☐ A10A Abbreviations
- ☐ A10B Symbols
- ☐ A20A Pavement Markers and Traffic Lines, Typical Details
- ☐ A20B Pavement Markers and Traffic Lines, Typical Details
- ☐ A20C Pavement Markers and Traffic Lines, Typical Details
- ☐ *RSP A20D Pavement Markers and Traffic Lines, Typical Details*
- ☐ A24A Pavement Markings- Arrows
- ☐ A24B Pavement Markings- Arrows
- ☐ A24C Pavement Markings- Symbols and Numerals
- ☐ A24D Pavement Markings- Words
- ☐ A24E Pavement Markings- Words and Crosswalks
- ☐ A35A Portland Cement Concrete Paving Details
- ☐ A62A Excavation and Backfill- Miscellaneous Details
- ☐ A62B Limits of Payment for Excavation and Backfill Bridge- Surcharge and Wall
- ☐ A62C Limits of Payment for Excavation and Backfill- Bridge
- ☐ A62D Excavation and Backfill- Concrete Pipe Culverts
- ☐ A62E Excavation and Backfill- Cast-in-Place Reinforced Concrete Box and Arch Culverts
- ☐ A62F Excavation and Backfill- Metal and Plastic Culverts
- ☐ A73A Markers
- ☐ A73B Markers
- ☐ A73C Delineators, Channelizers and Barricades
- ☐ A74 Survey Monuments
- ☐ A75A Concrete Barrier Type 50
- ☐ A75B Concrete Barrier Type 50E
- ☐ A75C Headlight Glare Screen
- ☐ A77A Metal Beam Guard Railing
- ☐ A77B Metal Beam Guard Railing- Standard Hardware
- ☐ A77C Metal Beam Guard Railing- Posts and Blocks
- ☐ A77D Guard Rail Flares
- ☐ A77E Guard Rail Flares
- ☐ A77F Metal Beam Guard Railing- Miscellaneous Details
- ☐ A77G Guard Rail End Anchors (Breakaway)
- ☐ A77H Guard Rail End Anchors (Breakaway Hardware)
- ☐ A77I Barrier and Guard Rail End Anchors
- ☐ A77J Guard Rail Connections to Bridge Rails, Retaining Walls and Abutments
- ☐ A77K Guard Rail Connections to Bridge Sidewalks and Curbs
- ☐ A78A Thrie Beam Barrier
- ☐ A78B Thrie Beam Barrier- Standard Hardware and Miscellaneous Details
- ☐ A78C Thrie Beam Barrier- End Anchors
- ☐ A78D Thrie Beam Barrier Connection to Concrete Barrier Type 50
- ☐ A78E Thrie Beam Barrier Connections to Bridge Rails
- ☐ A78F Thrie Beam Barrier Connections to Bridge Curbs, Retaining Walls and Abutments
- ☐ A80 Thrie Beam Barrier Emergency Passageway
- ☐ A81 Crash Cushion, Sand Filled
- ☐ A83 Portable Scale Pad and Approach Slab Details
- ☐ A85 Chain Link Fence
- ☐ A86 Barbed Wire and Wire Mesh Fences
- ☐ *RSP A87 Curbs, Dikes and Driveways*

CRIB WALLS

- ☐ C7A Reinforced Concrete Crib Wall- Battered Walls- Types A, B and C
- ☐ C7B Reinforced Concrete Crib Wall- Battered Walls- Types D, E and F
- ☐ C7C Reinforced Concrete Crib Wall- Vertical Walls- Types A, B and C
- ☐ C7D Reinforced Concrete Crib Wall- Vertical Walls- Types D, E and F
- ☐ C7E Reinforced Concrete Crib Wall- Types A, B, C, D, E and F Header and Stretcher Details
- ☐ C7F Design Data for Reinforced Concrete Crib Wall Foundation Pressure-Battered Wall
- ☐ C7G Reinforced Concrete Crib Wall Foundation Pressure- Vertical Wall
- ☐ C8A Steel Crib Wall- Construction Details
- ☐ C8B Steel Crib Wall- Design Data
- ☐ C8C Steel Crib Wall- Design Data
- ☐ C9A Timber Crib Wall- Types A, B, C and D
- ☐ C9B Timber Crib Wall- Types A, B, C and D Design Data

DRAINAGE

- ☐ D72 Drainage Inlets
- ☐ D73 Drainage Inlets
- ☐ D74A Drainage Inlets
- ☐ D74B Drainage Inlets
- ☐ D74C Drainage Inlets Details
- ☐ D75 Pipe Inlet
- ☐ D77A Grate Details
- ☐ D77B Bicycle Proof Grate Details
- ☐ D77C Alternative Hinged Cover for Type OL and OS Inlets and Trash Rack for Type OCP Inlet
- ☐ D78 Gutter Depressions
- ☐ D79 Precast Reinforced Concrete Pipe- Direct Design Method
- ☐ D80 Cast-in-Place Reinforced Concrete Single Box Culvert
- ☐ D81 Cast-in-Place Reinforced Concrete Double Box Culvert
- ☐ D82 Cast-in-Place Reinforced Concrete Box Culvert Miscellaneous Details
- ☐ D84 Box Culvert Wingwalls- Types A, B, C
- ☐ D85 Box Culvert Wingwalls- Types D and E
- ☐ D86A Box Culvert Warped Wingwalls
- ☐ D86B Pipe Culvert Headwalls, Endwalls and Warped Wingwalls
- ☐ D86C Arch Culvert Headwalls, Endwalls and Warped Wingwalls
- ☐ D87A Overside Drains
- ☐ D87B Overside Drains
- ☐ D87C Underdrains
- ☐ D88 Construction Loads on Culverts
- ☐ D88A Strut Details for Structural Steel Plate Pipes, Arches, and Vehicular Undercrossings
- ☐ D89 Pipe Headwalls
- ☐ D90 Pipe Culvert Headwalls, Endwalls and Wingwalls- Types A, B and C
- ☐ D93A Pipe Riser Connections
- ☐ D93B Drainage Inlet Riser Connections
- ☐ D93C Pipe Riser with Debris Rack Cage
- ☐ D94A Metal and Plastic Flared End Sections
- ☐ D94B Concrete Flared End Sections
- ☐ D95 Concrete Arch Culverts
- ☐ D97A Corrugated Metal Pipe Coupling Details No. 1- Annular Coupling Band Bar and Strap and Angle Connectors
- ☐ D97B Corrugated Metal Pipe Coupling Details No. 2- Hat Band Coupler and Flange Details
- ☐ D97C Corrugated Metal Pipe Coupling Details No. 3- Helical and Universal Couplers
- ☐ D97D Corrugated Metal Pipe Coupling Details No. 4- Hugger Coupling Bands
- ☐ D97E Corrugated Metal Pipe Coupling Details No. 5- Standard Joint
- ☐ D97F Corrugated Metal Pipe Coupling Details No. 6- Positive Joint
- ☐ D97G Corrugated Metal Pipe Coupling Details No. 7- Positive Joints and Downdrains
- ☐ D97H Reinforced Concrete Pipe or Non-Reinforced Concrete Pipe Standard and Positive Joints
- ☐ D98A Slotted Corrugated Steel Pipe Drain Details
- ☐ D98B Slotted Corrugated Steel Pipe Drain Details
- ☐ D99A Structural Section Drainage System Details
- ☐ D99B Edge Drain Outlet and Vent Details
- ☐ D99C Edge Drain Cleanout and Vent Details
- ☐ D99D Cross Drain Interceptor Details

HIGHWAY PLANTING

- ☐ H1 Planting and Irrigation- Abbreviations
- ☐ H2 Planting and Irrigation- Symbols
- ☐ H3 Planting and Irrigation- Details
- ☐ H4 Planting and Irrigation- Details
- ☐ H5 Planting and Irrigation- Details
- ☐ H6 Planting and Irrigation- Details
- ☐ H7 Planting and Irrigation- Details
- ☐ *RSP H8 Planting and Irrigation Details*

TEMPORARY FACILITIES

- ☐ T1 Temporary Crash Cushion, Sand Filled
- ☐ T2 Temporary Crash Cushion, Sand Filled
- ☐ T3 Temporary Railing (Type K)

DIST.	COUNTY	ROUTE	POST MILE/KILOMETER PREFIX	SHEET	TOTAL SHEETS

To accompany plans dated _____

- ☐ T4 Temporary Traffic Screen
- ☐ T10 Traffic Control System for Lane Closure on Freeways and Expressways
- ☐ T10A Traffic Control System for Lane and Complete Closures on Freeways and Expressways
- ☐ T11 Traffic Control System for Lane Closure on Multilane Conventional Highways
- ☐ T12 Traffic Control System for Lane Closure on Multilane Conventional Highways
- ☐ T13 Traffic Control System for Lane Closure on Two Lane Conventional Highways
- ☐ T14 Traffic Control System for Ramp Closures

BRIDGE

- ☐ B0-1 Bridge Details
- ☐ B0-3 Bridge Details
- ☐ B0-5 Bridge Details
- ☐ B0-13 Bridge Details
- ☐ B2-3 16'' Cast-in-Drilled-Hole Concrete Pile
- ☐ B2-5 Pile Details- Class 45 and Class 70
- ☐ B2-8 Pile Details- Class 45C and Class 70C
- ☐ B2-9 Load Test Anchor Pile Details
- ☐ B3-1 Retaining Wall- Type 1, H=4'-30'
- ☐ B3-2 Retaining Wall- Type 1, H=32'-36'
- ☐ B3-3 Retaining Wall- Type 1A
- ☐ B3-4 Retaining Wall- Type 2
- ☐ B3-5 Counterfort Retaining Wall- Type 3
- ☐ B3-6 Counterfort Retaining Wall- Type 4
- ☐ B3-7 Retaining Wall- Type 5
- ☐ B3-8 Retaining Wall Details No. 1
- ☐ *RSP B3-9 Retaining Wall Details No.2*
- ☐ B3-11 Retaining Wall Type 6-6'-0'' Maximum
- ☐ B6-1 T- Beam Details
- ☐ B6-10 Utility Openings, T- Beam
- ☐ B6-21 Joint Seals (Maximum Movement Rating = 2'')
- ☐ B7-1 Box Girder Details
- ☐ B7-5 Deck Drains
- ☐ B7-6 Deck Drains- Type D-1 and D-2
- ☐ B7-10 Utility Opening- Box Girder
- ☐ B7-11 Utility Details
- ☐ B8-5 Cast-in-Place Prestressed Girder Details
- ☐ B11-7 Chain Link Railing
- ☐ B11-47 Cable Railing
- ☐ B11-51 Tubular Hand Railing
- ☐ B11-52 Chain Link Railing Type 7
- ☐ B11-53 Concrete Barrier Type 25
- ☐ B11-54 Concrete Barrier Type 26
- ☐ B13-1 Slope Protection Detail No. 1
- ☐ B13-2 Slope Protection Detail No. 2
- ☐ B14-1 Structural Steel Plate Vehicular Undercrossing
- ☐ B14-3 Communication and Sprinkler Control Conduit (Conduit less than 4'' Diameter)
- ☐ B14-4 Water Supply Line (Bridge) (Pipe less than 4'' Diameter)
- ☐ B14-5 Water Supply Line (Details) (Pipe less than 4'' Diameter)

ROADSIDE SIGNS

- ☐ RS1 Roadside Signs, Typical Installation Details No. 1
- ☐ RS2 Roadside Signs, Wood Posts, Typical Installation Detail No. 2
- ☐ RS3 Roadside Signs, Laminated Box Wood Posts, Typical Installation Details No. 3
- ☐ RS4 Roadside Signs, Typical Installation Detail No. 4

SHEET 1 OF 2

STANDARD PLANS LIST

(July, 1992 Edition)

Revised June 13, 1994

The Revised Standard Plans (RSP) and New Standard Plans (NSP) which apply to this contract are included as individual sheets of the project plans. The Standard Plan sheets applicable to this contract include, but are not limited to those indicated by a marked box.

USERNAME => marie
DGN FILE => /usr/marie/PW/revsp1.dgn

CONTRACT NO.

TIME PLOTTED => 09-AUG-1994 10:53

OVERHEAD SIGNS

OVERHEAD SIGNS-TRUSS

- ☐ S1 Overhead Signs- Truss, Instructions and Examples
- ☐ S2 Overhead Signs- Truss, Single Post Type, Post Type II thru VII
- ☐ S3 Overhead Signs- Truss, Two Post Type, Post Type I-S thru VII-S
- ☐ S4 Overhead Signs- Truss, Single Post Type, Structural Frame Members
- ☐ S5 Overhead Signs- Truss, Two Post Type, Structural Frame Members
- ☐ S6 Overhead Signs- Truss, Structural Frame Details
- ☐ S7 Overhead Signs- Truss, Frame Juncture Details
- ☐ S8A Overhead Signs- Steel Frame Removable Sign Panel Frames
- ☐ S8B Overhead Signs- Removable Sign Panel Frames, Overhead Formed Panel Mounting Details
- ☐ S8C Overhead Signs- Truss, Sign Panel Mounting Details, Laminated Panel- Type A
- ☐ S8D Overhead Signs- Truss, Removable Sign Panel Frames 110" and 120" Sign Panels
- ☐ S9 Overhead Signs- Walkway Details No. 1
- ☐ S10 Overhead Signs- Walkway Details No. 2
- ☐ S11 Overhead Signs- Walkway Safety Railing Details
- ☐ S13 Overhead Signs- Truss Pile Foundation

OVERHEAD SIGNS-LIGHTWEIGHT

- ☐ S14A Overhead Signs- Lightweight Balanced-Single Steel Post Connection and Mounting Details
- ☐ S14B Overhead Signs- Lightweight Balanced-Single Steel Post Details
- ☐ S15 Overhead Signs- Lightweight, Type A, Connection Details
- ☐ S16 Overhead Signs- Lightweight, Type B, Connection Details
- ☐ S17 Overhead Signs- Lightweight, Type C, Connection Details
- ☐ S18A Overhead Signs- Lightweight, Sign Panel Mounting Details, Laminated Panels- Type A
- ☐ S18B Overhead Signs- Lightweight, Light Fixture Mounting Details
- ☐ S20A Overhead Signs- Lightweight Post Details
- ☐ S20B Overhead Signs- Lightweight Foundation

OVERHEAD SIGNS-BOX BEAM CLOSED TRUSS ALTERNATIVE

- ☐ S39 Overhead Signs- Box Beam, Closed Truss Foundation
- ☐ S40A Overhead Signs- Box Beam, Closed Truss, Two Post Type Frame Members
- ☐ S40B Overhead Signs- Box Beam, Closed Truss, Single and Two Post Type General Frame Details
- ☐ S40C Overhead Signs- Box Beam, Closed Truss, Ribbed Sheet Metal Details
- ☐ S40D Overhead Signs- Box Beam, Closed Truss, Two Post Type Frame Details
- ☐ S40E Overhead Signs- Box Beam, Closed Truss, Two Post Type Frame Juncture Details
- ☐ S40F Overhead Signs- Box Beam, Closed Truss, Two Post Type Post Details
- ☐ S40G Overhead Signs- Box Beam, Closed Truss, Single Post Type Frame Members
- ☐ S40H Overhead Signs- Box Beam, Closed Truss, Single Post Cantilever Frame Details
- ☐ S40I Overhead Signs- Box Beam, Closed Truss, Single Post Cantilever Frame Juncture Details
- ☐ S40J Overhead Signs- Box Beam, Closed Truss, Single Post Cantilever Post Details
- ☐ S40K Overhead Signs- Box Beam, Closed Truss, Single Post Butterfly Frame Details
- ☐ S40L Overhead Signs- Box Beam, Closed Truss, Single Post Butterfly Frame Juncture Details
- ☐ S40M Overhead Signs- Box Beam, Closed Truss, Single Post Butterfly Post Details

OVERHEAD SIGNS-TUBULAR

- ☐ S40N Overhead Signs- Tubular, Instructions and Examples
- ☐ S40P Overhead Signs- Tubular, Single Post Type Layout and Pipe Selection
- ☐ S40Q Overhead Signs- Tubular, Two Post Type Layout and Pipe Sections
- ☐ S40R Overhead Signs- Tubular, Structural Frame Details No. 1
- ☐ S40S Overhead Signs- Tubular, Structural Frame Details No. 2
- ☐ S40T Overhead Signs- Tubular Foundation Details

SIGNALS, LIGHTING AND ELECTRICAL SYSTEMS

- ☐ ES-1A Signal, Lighting and Electrical Systems- Symbols and Abbreviations
- ☐ ES-1B Signal, Lighting and Electrical Systems- Symbols and Abbreviations
- ☐ ES-2A Signal, Lighting and Electrical Systems- Service Equipment
- ☐ ES-2B Signal, Lighting and Electrical Systems- Service Equipment
- ☐ ES-2C Signal, Lighting and Electrical Systems- Service Equipment Notes
- ☐ ES-2D Signal, Lighting and Electrical Systems- Service Equipment and Typical Wiring Diagram, Type A
- ☐ ES-2E Signal, Lighting and Electrical Systems- Service Equipment and Typical Wiring Diagram, Type B
- ☐ ES-2F Signal, Lighting and Electrical Systems- Service Equipment and Typical Wiring Diagram, Type C
- ☐ ES-3A Signal, Lighting and Electrical Systems- Signal Heads and Mountings
- ☐ ES-3B Signal, Lighting and Electrical Systems- Signal Heads and Mountings
- ☐ ES-3C Signal, Lighting and Electrical Systems- Signal Heads and Mountings
- ☐ ES-3D Signal, Lighting and Electrical Systems- Signal Heads and Mountings
- ☐ ES-3E Signal, Lighting and Electrical Systems- Signal Heads and Mountings
- ☐ ES-4A Signal, Lighting and Electrical Systems- Controller Cabinet Details
- ☐ ES-4B Signal, Lighting and Electrical Systems- Controller Cabinet Details
- ☐ ES-4C Signal, Lighting and Electrical Systems- Controller Cabinet Details
- ☐ ES-4D Irrigation Controller Enclosure Cabinet
- ☐ ES-4E Signal, Lighting and Electrical Systems- Telephone Demarcation Cabinet Details
- ☐ ES-4F Signal, Lighting and Electrical Systems- Telephone Demarcation Cabinet Details
- ☐ ES-5A Signal, Lighting and Electrical Systems- Detectors
- ☐ ES-5B Signal, Lighting and Electrical Systems- Detectors
- ☐ ES-5C Signal, Lighting and Electrical Systems- Detectors
- ☐ ES-5D Signal, Lighting and Electrical Systems- Detectors
- ☐ ES-5E Signal, Lighting and Electrical Systems- Detectors
- ☐ ES-5F Signal, Lighting and Electrical Systems- Pedestrian Barricades
- ☐ ES-6A Signal and Lighting Standards- Type 1 Standards and Equipment Numbering
- ☐ ES-6AA Signal Standards- Push Button Post
- ☐ ES-6B Lighting Standards- Types 15, 21 and 22
- ☐ ES-6C Lighting Standards- 80' to 160' High Mast Light Pole, Foundation Details
- ☐ ES-6D Lighting Standards- Types 30 and 31, Slip Base
- ☐ ES-6DA Lighting Standards- Type 32
- ☐ ES-6E Lighting Standards- Types 30 and 31, Slip Base Plate Details
- ☐ ES-6F Lighting Standards- 10 Degree Type
- ☐ ES-6H Lighting Standards- 10 Degree Type, Details
- ☐ ES-6J Signal and Lighting Standards- Case 1 Arm Loading, Wind Velocity = 70 MPH, Arm Lengths 15' to 30'
- ☐ ES-6K Signal and Lighting Standards- Case 2 Arm Loading, Wind Velocity = 70 MPH, Arm Lengths 20' to 30'
- ☐ ES-6L Signal and Lighting Standards- Case 3 Arm Loading, Wind Velocity = 70 MPH, Arm Lengths 15' to 45'
- ☐ ES-6M Signal and Lighting Standards- Case 4 Arm Loading, Wind Velocity = 70 MPH, Arm Lengths 25' to 45'
- ☐ ES-6MA Signal and Lighting Standards- Case 5 Arm Loading, Wind Velocity = 70 MPH, Arm Lengths 50' to 55'
- ☐ ES-6N Signal and Lighting Standards- Type 40-0-80
- ☐ ES-6O Signal and Lighting Standards- Case 1 Arm Loading, Wind Velocity = 80 MPH, Arm Lengths 25' to 30'
- ☐ ES-6P Signal and Lighting Standards- Case 2 Arm Loading, Wind Velocity = 80 MPH, Arm Lengths 20' to 30'
- ☐ ES-6Q Signal and Lighting Standards- Case 3 Arm Loading, Wind Velocity = 80 MPH, Arm Lengths 20' to 45'
- ☐ ES-6R Signal and Lighting Standards- Case 4 Arm Loading, Wind Velocity = 80 MPH, Arm Lengths 25' to 45'
- ☐ ES-6RA Signal and Lighting Standards- Case 5 Arm Loading, Wind Velocity = 80 MPH, Arm Lengths 50' to 55'

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

To accompany plans dated _____

- ☐ ES-6S Signal and Lighting Standards- Details No. 1
- ☐ ES-6T Signal and Lighting Standards- Details No. 2
- ☐ ES-6TA Signal and Lighting Standards- Pole and Mast Arm Alternatives
- ☐ ES-6U Lighting Standards- Types 10 and 15 Slip Base Insert
- ☐ ES-6V Signal and Sign Standards- Type 33 Left Turn
- ☐ ES-7A Signal, Lighting and Electrical Systems- Electrical Details, Structure Installations
- ☐ ES-7B Signal, Lighting and Electrical Systems- Electrical Details, Structure Installations
- ☐ ES-7C Signal, Lighting and Electrical Systems- Electrical Details, Structure Installations
- ☐ ES-7D Signal, Lighting and Electrical Systems- Electrical Details, Structure Installations
- ☐ ES-7E Signal, Lighting and Electrical Systems- Electrical Details, Structure Installations
- ☐ ES-7F Signal, Lighting and Electrical Systems- Flush Soffit Luminaire Modification Details, Structure Installation
- ☐ ES-8 Signal, Lighting and Electrical Systems- Pull Box Details
- ☐ ES-9A Signal, Lighting and Electrical Systems- Cantilever Flashing Beacon, Types 9, 9A, 9B
- ☐ ES-9B Signal, Lighting and Electrical Systems- Cantilever Flashing Beacon, Types 9, 9A, 9B
- ☐ ES-10 Signal, Lighting and Electrical Systems- Isolux Diagrams
- ☐ ES-11 Signal, Lighting and Electrical Systems- Foundation Installations
- ☐ ES-12 Signal, Lighting and Electrical Systems- Pedestrian Undercrossing Fluorescent Lighting Fixture
- ☐ ES-13 Signal, Lighting and Electrical Systems- Splicing Details
- ☐ ES-14 Signal, Lighting and Electrical Systems- Wiring Detail and Fuse Ratings
- ☐ ES-15 Signal, Lighting and Electrical Systems- Pedestrian Overcrossing Fluorescent Lighting Fixture
- ☐ ES-27A Signal, Lighting and Electrical Systems- Extinguishable Message Sign, 10'' Letters
- ☐ ES-27B Signal, Lighting and Electrical Systems- Extinguishable Message Sign, 10'' Letters
- ☐ ES-28 Signal, Lighting and Electrical Systems- Extinguishable Message Sign and Flashing Beacons

SIGN ILLUMINATION

- ☐ ES-29 Sign Illumination- Mercury Sign Illumination Equipment
- ☐ ES-30 Sign Illumination- 36" Fluorescent Sign Illumination Equipment
- ☐ ES-32A Sign Illumination- Sign Illumination Equipment
- ☐ ES-32B Sign Illumination- Sign Illumination Control
- ☐ ES-33 Sign Illumination- Internally Illuminated Street Name Sign

NEW STANDARD PLANS

- ☐ NSP A40 Rumble Strip Details
- ☐ NSP A75D Concrete Headlight Glare Screen
- ~~☐ NSP A88 Curb Ramp Details No. 1~~ } CANCELED
- ~~☐ NSP A89 Curb Ramp Details No. 2~~ }
- ☐ NSP T7 Construction Project Funding Identification Signs
- ☐ NSP T15 Traffic Control System for Moving Lane Closure on Multilane Highways
- ☐ NSP T16 Traffic Control System for Moving Lane Closure on Multilane Highways
- ☐ NSP T17 Traffic Control System for Moving Lane Closure on Two Lane Highways

SHEET 2 OF 2
STANDARD PLANS LIST
(July, 1992 Edition)
Revised June 13, 1994

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The Revised Standard Plans (RSP) and New Standard Plans (NSP) which apply to this contract are included as individual sheets of the project plans. The Standard Plan sheets applicable to this contract include, but are not limited to those indicated by a marked box.

USERNAME => maria
DGN FILE => /usr/maria/revse2.dgn

CONTRACT NO.